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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/335,201	06/17/99	HILL	D RP9-99-082

BERNARD D BOGDON
IBM CORP. PC CO LEGAL DEPT
DEPT 9CCA BLDG 002 2
RESEARCH TRIANGLE PARK NC 27709

MMCI/0921

EXAMINER	
VORTMAN.A	
ART. UNIT	PAPER NUMBER
2835	

DATE MAILED: 09/21/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.

09/335,201

Applicant(s)

HILL ET AL.

Examiner

Examiner Anatoly Vortman

Art Unit

2835

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Status

- 1) ☒ Responsive to communication(s) filed on 17 June 1999.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- a) ☐ All b) ☐ Some * c) ☐ None of the CERTIFIED copies of the priority documents have been:
1. ☐ received.
2. ☐ received in Application No. (Series Code / Serial Number) _____.
3. ☐ received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. & 119(e).

Attachment(s)

- 15) ☒ Notice of References Cited (PTO-892)
- 16) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 17) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 18) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 19) ☐ Notice of Informal Patent Application (PTO-152)
- 20) ☒ Other: *Non-Final Office Action*.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-10 are rejected under 35 U.S.C. 102(b) as being anticipated by US/5,752,857 to Knights.

Regarding claim 1, Knights disclosed, (Fig. 7), a PC accessory unit for attachment to a PC keyboard (10), comprising: a body structure (180) incorporating electronic circuitry (30) for operation in combination with a PC; and the body structure (180) having a connecting assembly (84A, 92) for attachment externally to a PC keyboard (10).

Regarding claim 6, Knights disclosed, (Fig. 7), a PC accessory unit in combination with a PC keyboard (10), comprising: a PC accessory unit having a body structure (180) incorporating electronic circuitry (30) for operation in combination with a PC; the PC accessory body structure (180) having a connecting assembly (84A, 92) for attachment externally to a PC keyboard (10); and a keyboard (10) for receiving the connecting assembly of the PC accessory unit to dress the PC accessory unit and the keyboard in combination and attached to each other.

Regarding claim 7, Knights disclosed that the PC accessory unit is a Smartcard utility kit, (column 2, lines 1+).

Regarding claims 2 and 8, Knights disclosed a clip (two prongs positioned between members 84A).

Regarding claim 3, Knights disclosed that said clip has two prongs for insertion into openings in a PC keyboard, (Fig. 7).

Regarding claim 4, Knights disclosed that the PC accessory unit is a Smartcard utility kit, (column 2, lines 1+).

Regarding claim 5, Knights disclosed that the clip of the Smartcard utility kit is inserted into keyboard openings, (Fig. 7).

Regarding claims 9, Knights disclosed, (Fig. 7) a PC accessory unit in combination with a PC keyboard, comprising: a PC accessory unit having a body structure (180) incorporating electronic circuitry (30) for operation in combination with a PC; the PC accessory body structure having a connecting assembly (84A, 92), including a clip (two prongs positioned between members 84A), for attachment externally to a PC keyboard; and a keyboard (10) for receiving the connecting assembly and clip of the PC accessory unit to dress the PC accessory unit to the backside (195) of the keyboard (column 6, lines 5+), to form the units in combination and attached to each other.

Regarding claim 10, Knights disclosed, (Fig. 7) a PC accessory unit in combination with a PC keyboard, comprising: a PC accessory unit having a body structure (180) for holding a device (30) for use in combination with a PC; the PC accessory body structure having a connecting assembly (84A, 92), including a clip (two prongs positioned between members 84A), for attachment externally to a PC keyboard; and a keyboard (10) for receiving the connecting

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assembly and clip of the PC accessory unit to dress the PC accessory unit to the backside (195) of the keyboard (column 6, lines 5+), to form the units in combination and attached to each other.

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

US/5625534, 6056193, 5742756, 6021944 and 5555487 disclosed smart card adapters for connection to the keyboards.

US/5144567, 5583744, 5504500, 5548477, 5264992, 4749364, and 5268675 disclosed various electronic devices attached to the keyboards.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Examiner Anatoly Vortman** whose telephone number is 703-308-7824. The examiner can normally be reached on 9:30-6:00, Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Mr. Leo P. Picard** can be reached on 703-308-0538. The fax phone numbers for the organization where this application or proceeding is assigned are 703-305-3431 for regular communications and 703-305-3432 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1782.

A.V.
September 8, 2000



Leo P. Picard
Supervisory Patent Examiner
Technology Center 2800